

FIG. 1

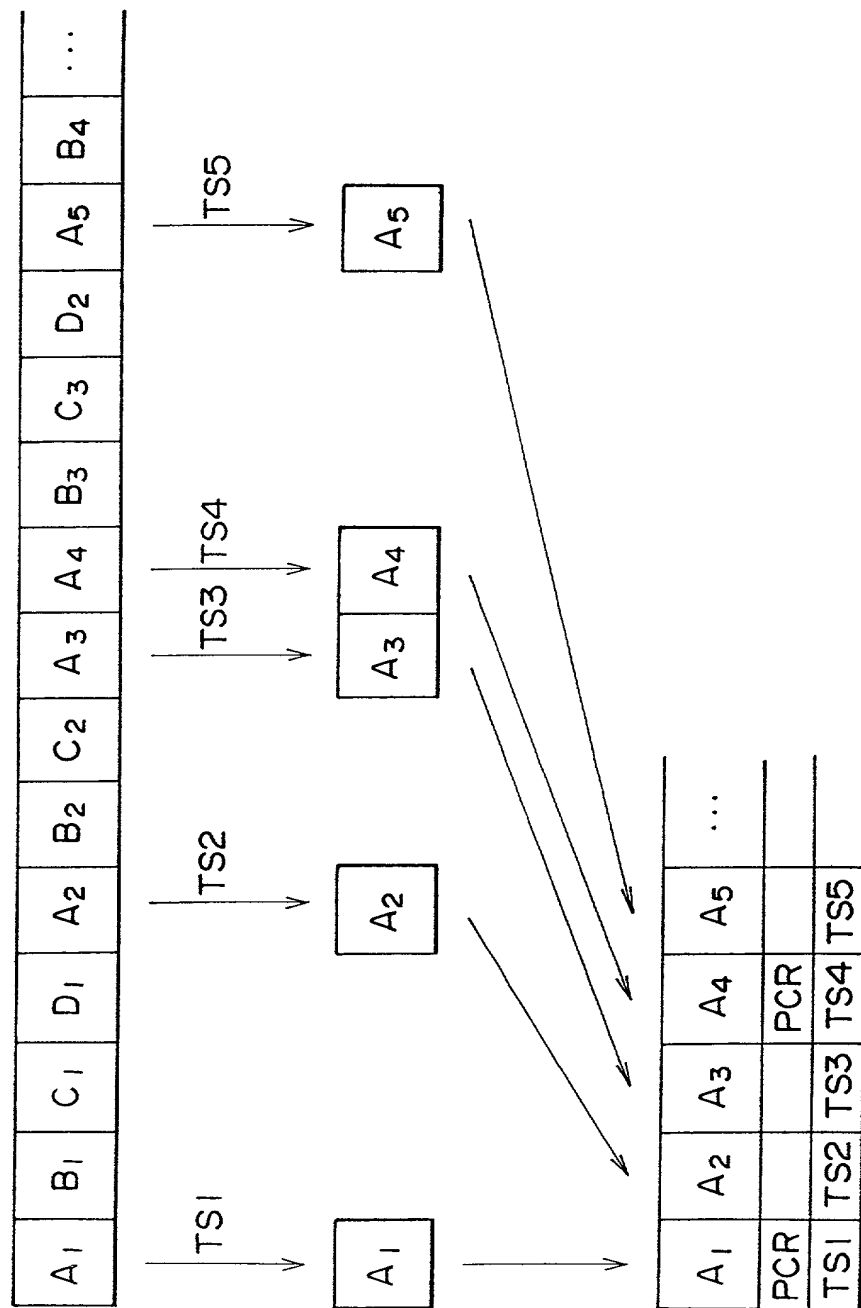
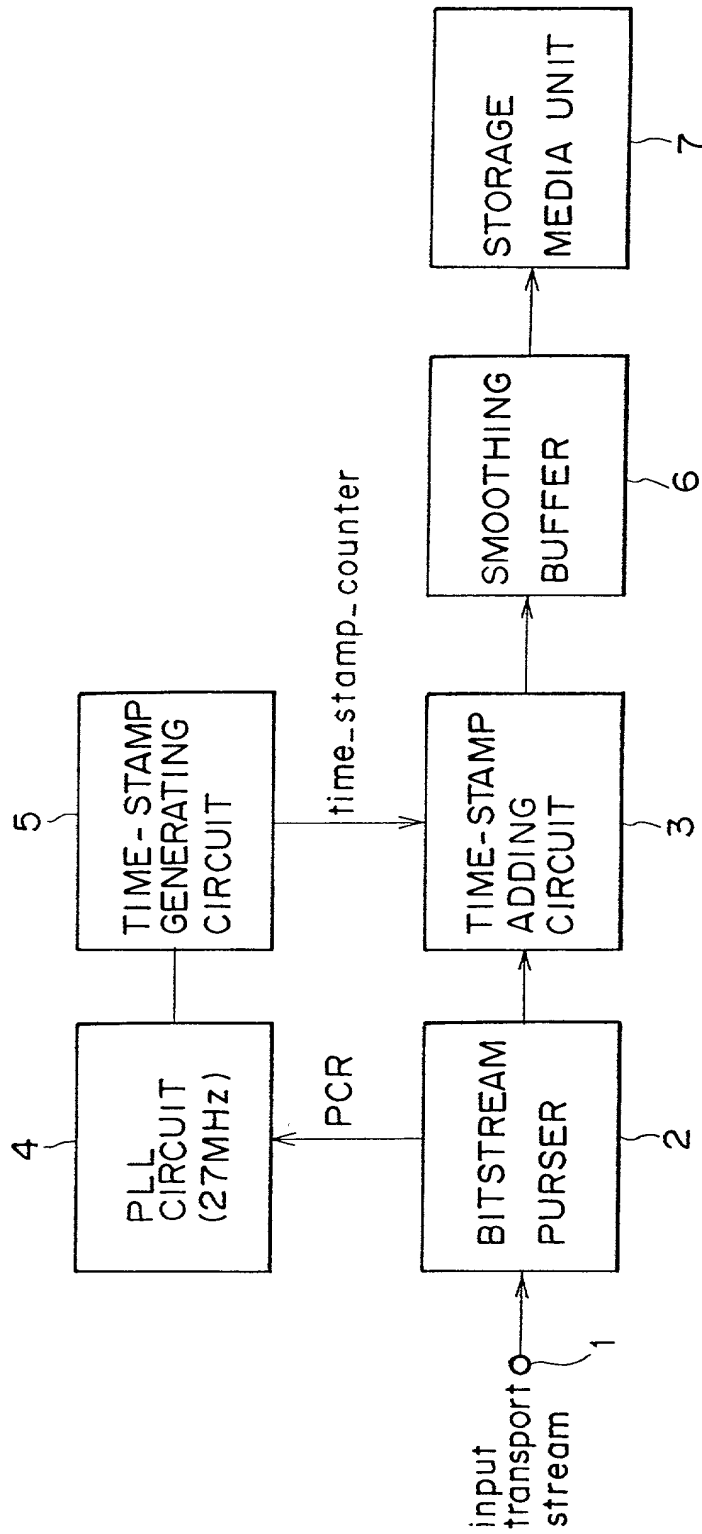
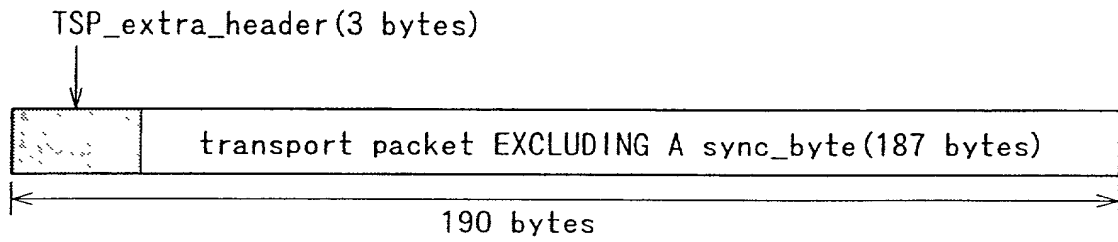


FIG. 2



# FIG. 3



RECORDING FORMAT OF A transport packet

# FIG. 4

```

TSP_extra_header(){
    reserved           3bits
    time_stamp_counter 21bits
}
    
```

SYNTAX OF TSP\_extra\_header

FIG. 5

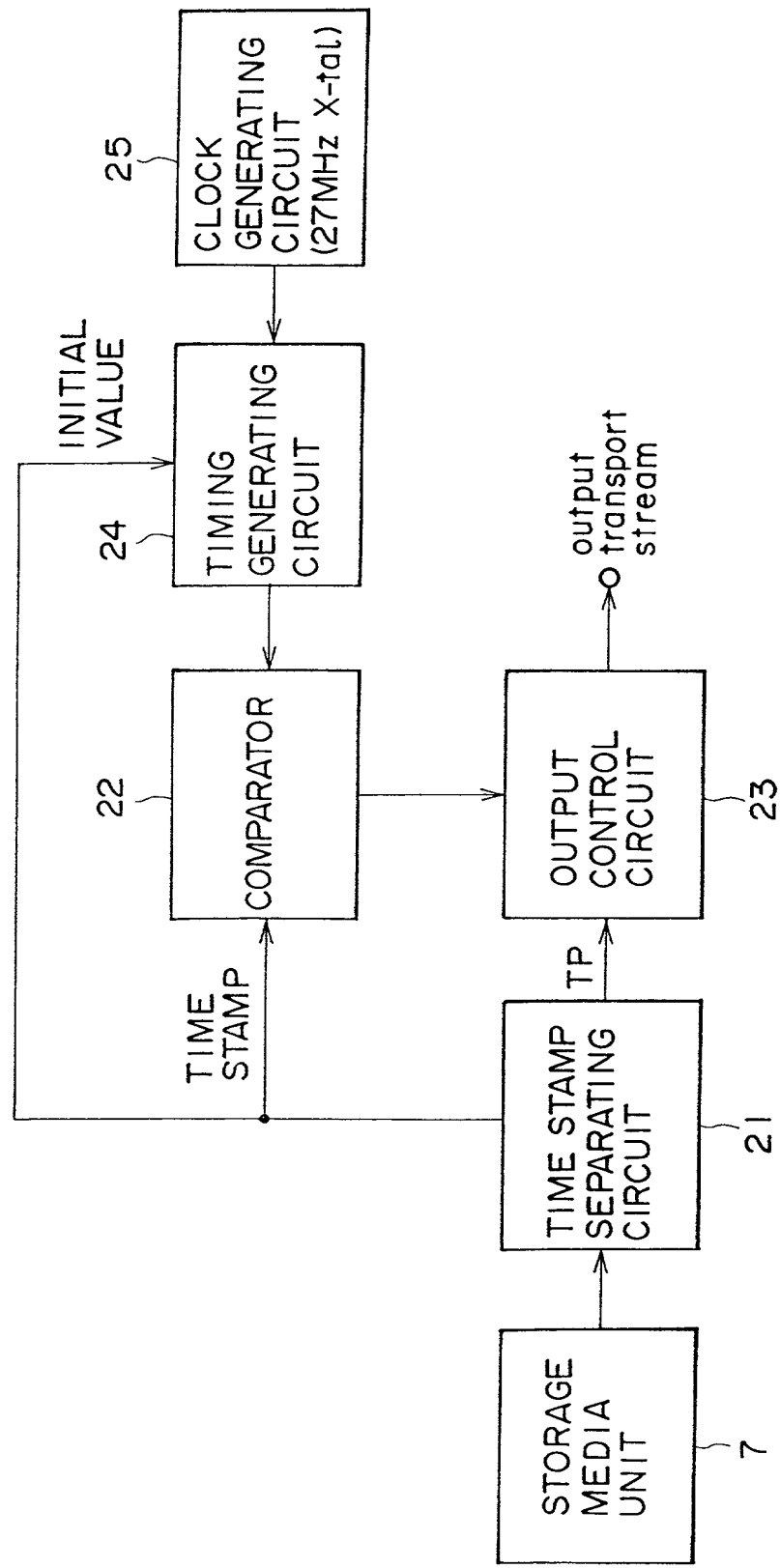


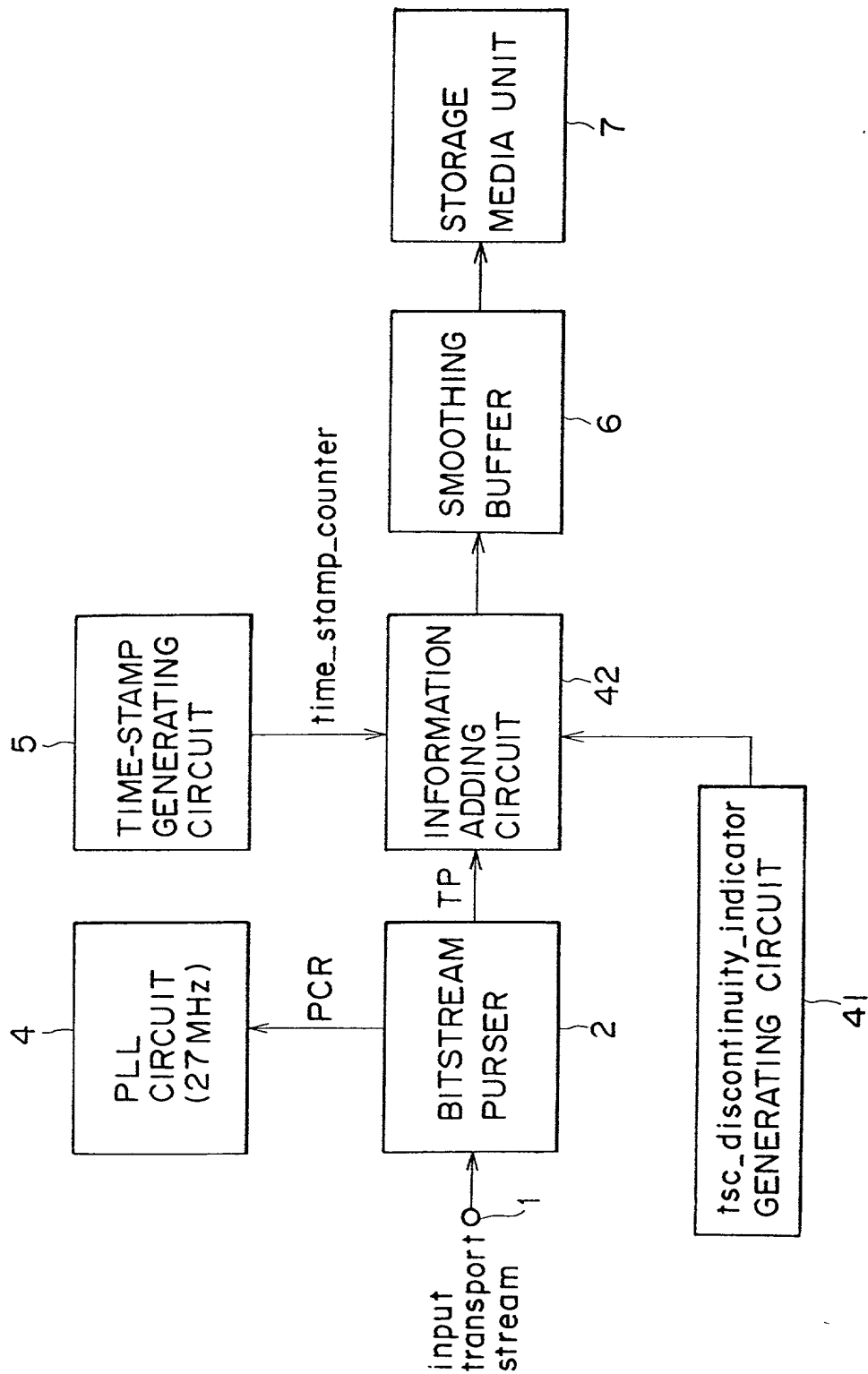
FIG. 6

A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	A <sub>4</sub>	A <sub>5</sub>	...	A <sub>n</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	...
PCR			PCR				PCR		PCR		
TS1	TS2	TS3	TS4	TS5		TSn	TS11	TS12	TS13	TS14	



POINT OF  
DISCONTINUITY

FIG. 7



## FIG. 8A

VDR \_ MPEG2 \_ transport \_ stream

Syntax	No. of bits	Mnemonic
VDR _ MPEG2 _ transport _ stream () {		
do {		
transport _ packet ()	188*8	bslbf
if ( TSP _ extra _ information _ flag ==1 )		
TSP _ extra _ information ()	32	bslbf
} while ( nextbits () == sync _ byte )		
}		

## FIG. 8B

```

VDR _ MPEG2 _ transport _ stream () {
    while ( End _ of _ file ) {
        if ( TSP _ extra _ information _ flag ==1 )
            TSP _ extra _ information ()
        transport _ packet ()
    }
}

```

## FIG. 9

TSP \_ extra \_ information

Syntax	No. of bits	Mnemonic
TSP _ extra _ information ()		
{		
time _ stamp _ counter	24	uimbsf
tsc _ discontinuity _ indicator	1	uimbsf
copy _ permission _ indicator	2	uimbsf
CCI _ invalid _ flag	1	uimbsf
reserved	4	bslbf
}		

FIG. 10

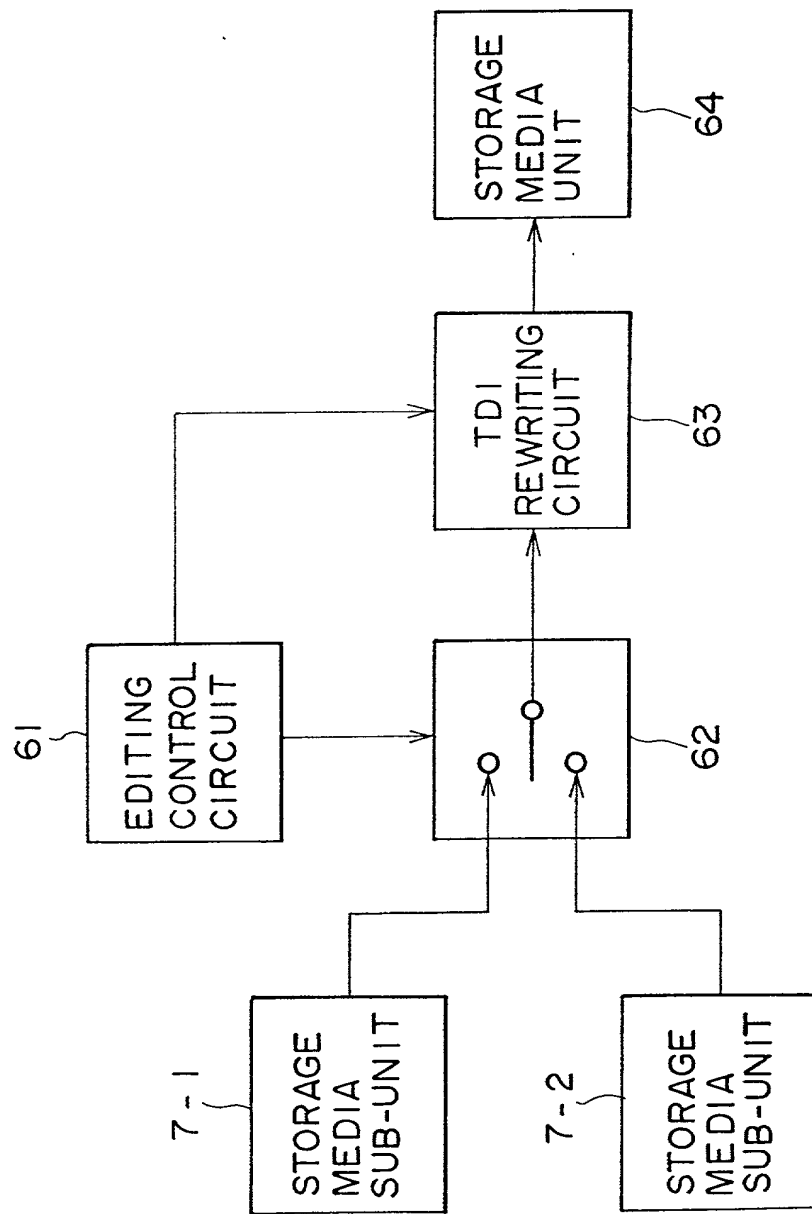




FIG. 11

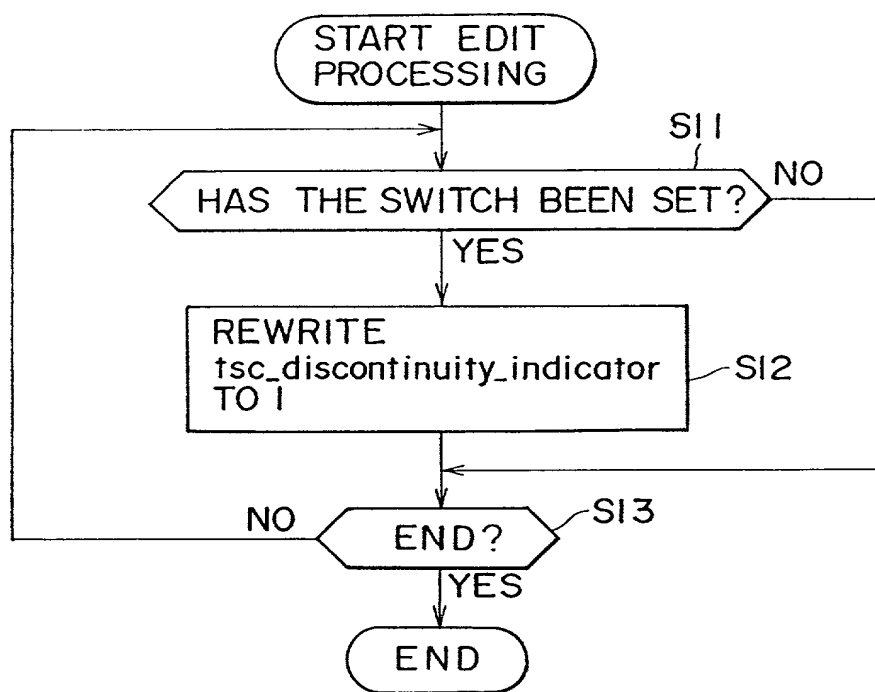


FIG. 12

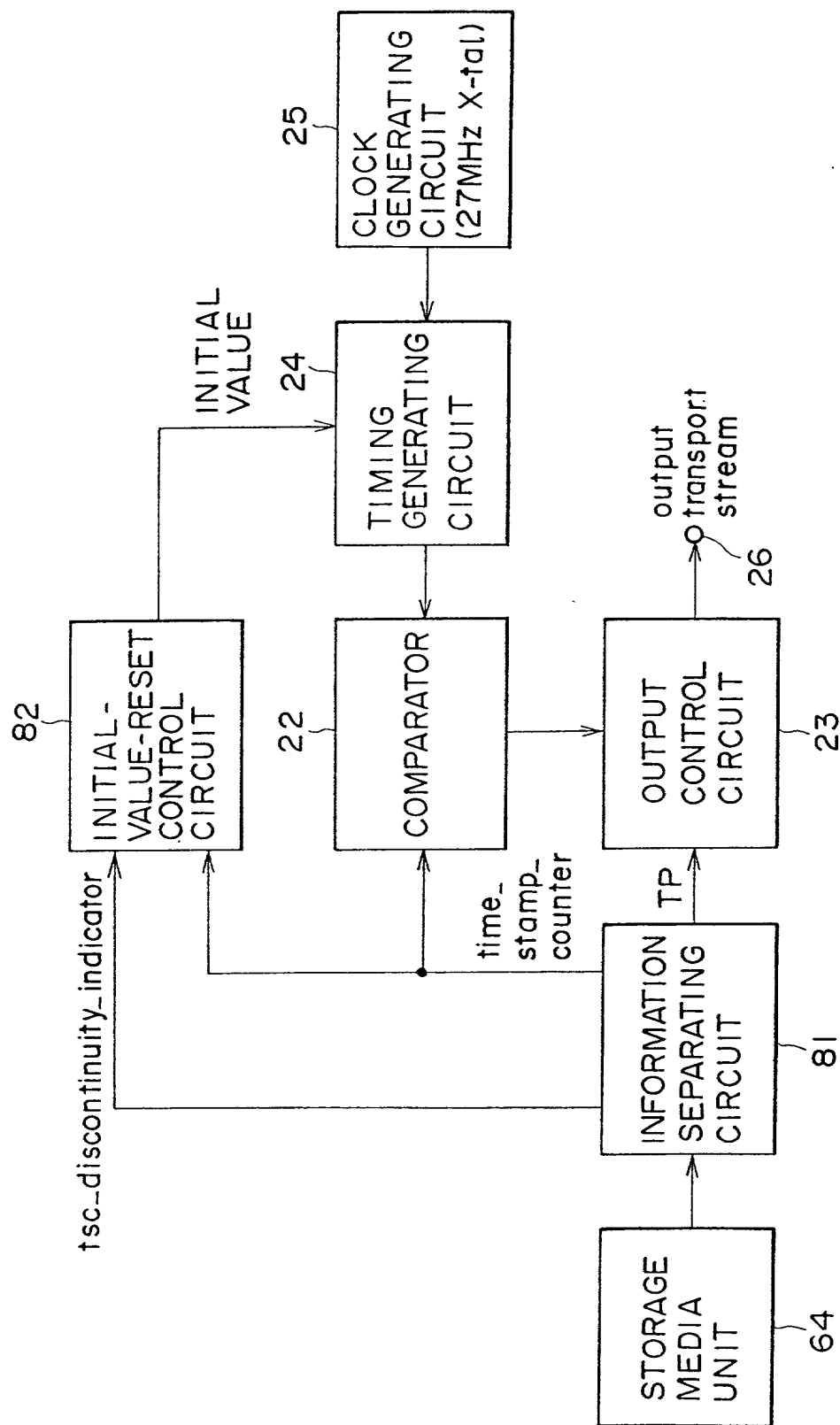


FIG. 13

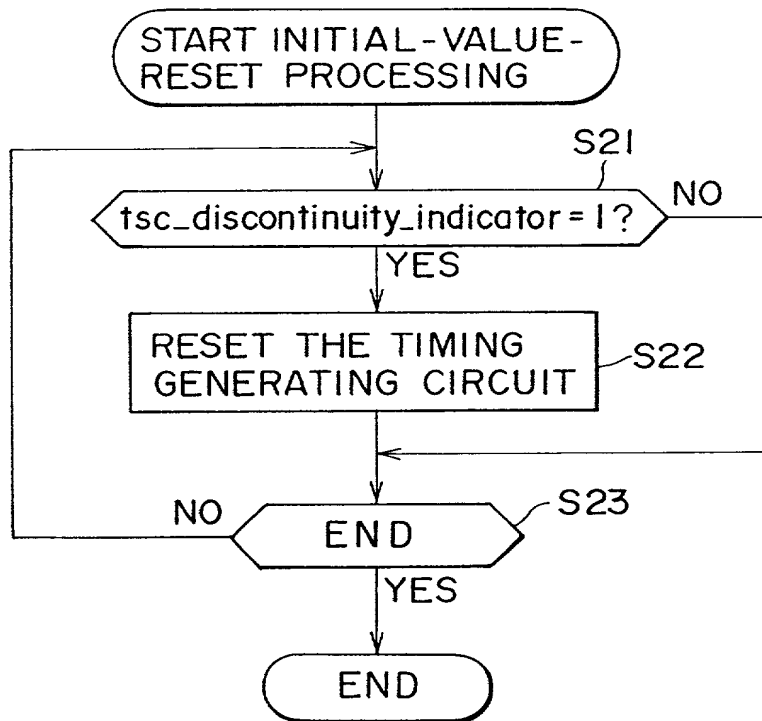
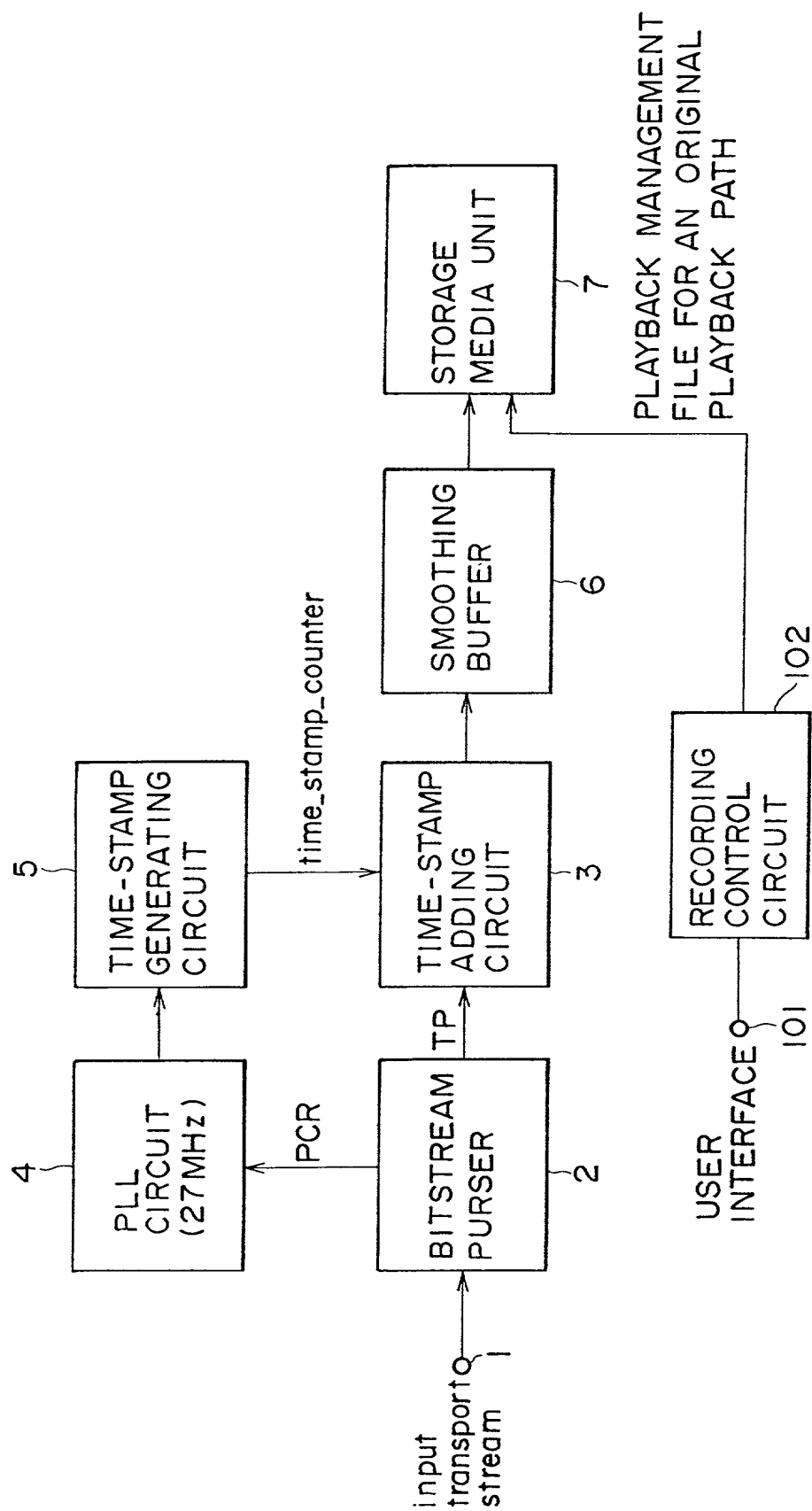


FIG. 14



# FIG. 15

PLAYBACK MANAGEMENT FILE  
FOR AN EDITED PLAYBACK PATH

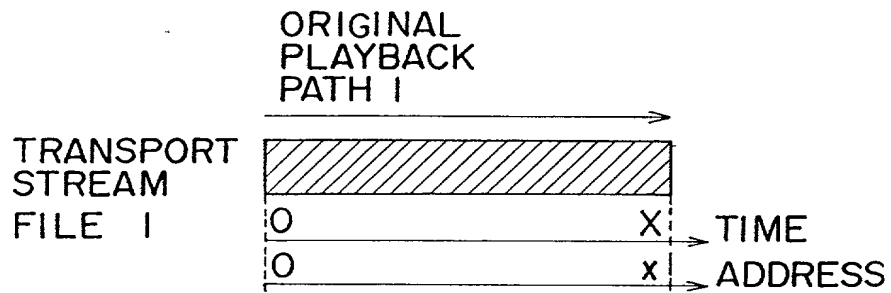
## PLAYBACK PATHS

	FILE NAME	TIMES	ADDRESSES
1	TRANSPORT STREAM 1	A TO B	a TO b
2	TRANSPORT STREAM 1	C TO D	c TO d
3	TRANSPORT STREAM 2	E TO F	e TO f

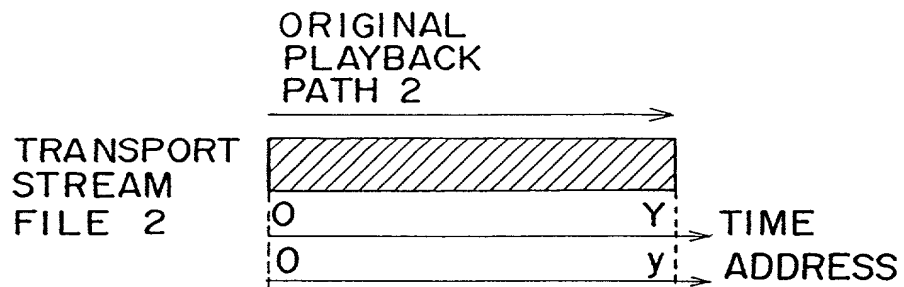
LOCATIONS AT WHICH DISCONTINUITY  
OF TIME STAMPS IS GENERATED

AT A TIME A IN A TRANSPORT PACKET AT AN ADDRESS a  
AT A TIME C IN A TRANSPORT PACKET AT AN ADDRESS c  
AT A TIME E IN A TRANSPORT PACKET AT AN ADDRESS e

# FIG. 16A



# FIG. 16B



# FIG. 17A

PLAYBACK MANAGEMENT FILE 1  
FOR AN ORIGINAL PLAYBACK PATH

PLAYBACK PATH

FILE NAME	TIMES	ADDRESSES
TRANSPORT STREAM 1	0 TO x	0 TO X

NO DISCONTINUITY OF TIME STAMPS

# FIG. 17B

PLAYBACK MANAGEMENT FILE 2  
FOR AN ORIGINAL PLAYBACK PATH

PLAYBACK PATH

FILE NAME	TIMES	ADDRESSES
TRANSPORT STREAM 2	0 TO y	0 TO Y

NO DISCONTINUITY OF TIME STAMPS

FIG. 18

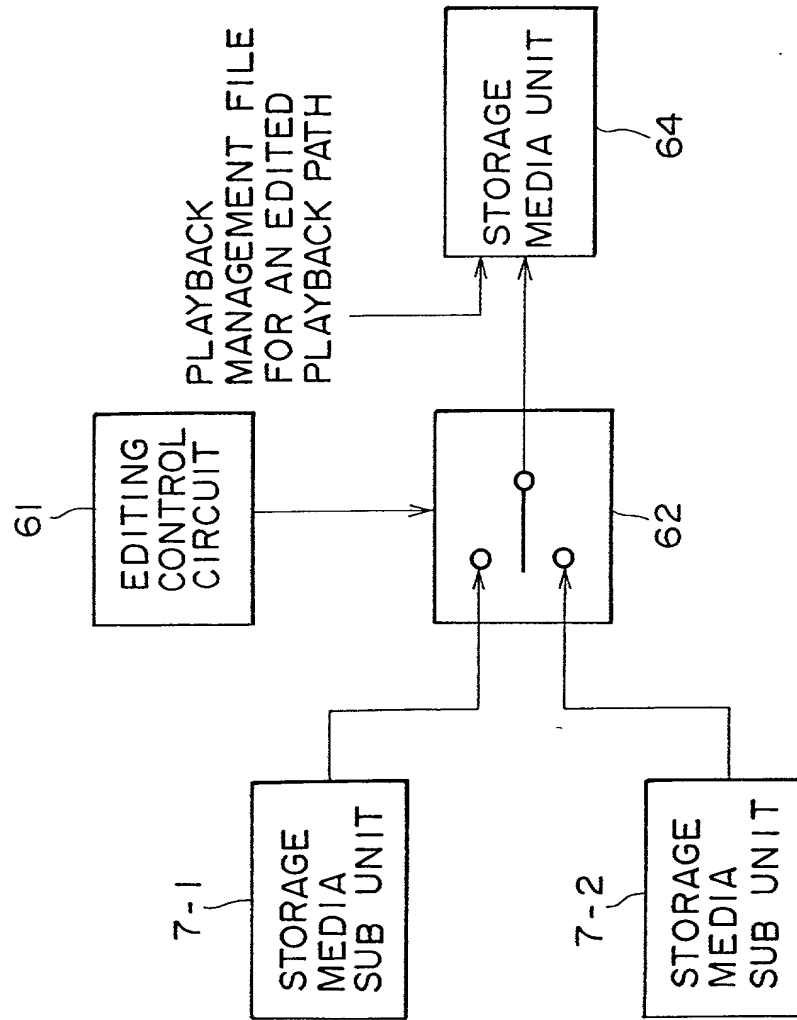




FIG. 19

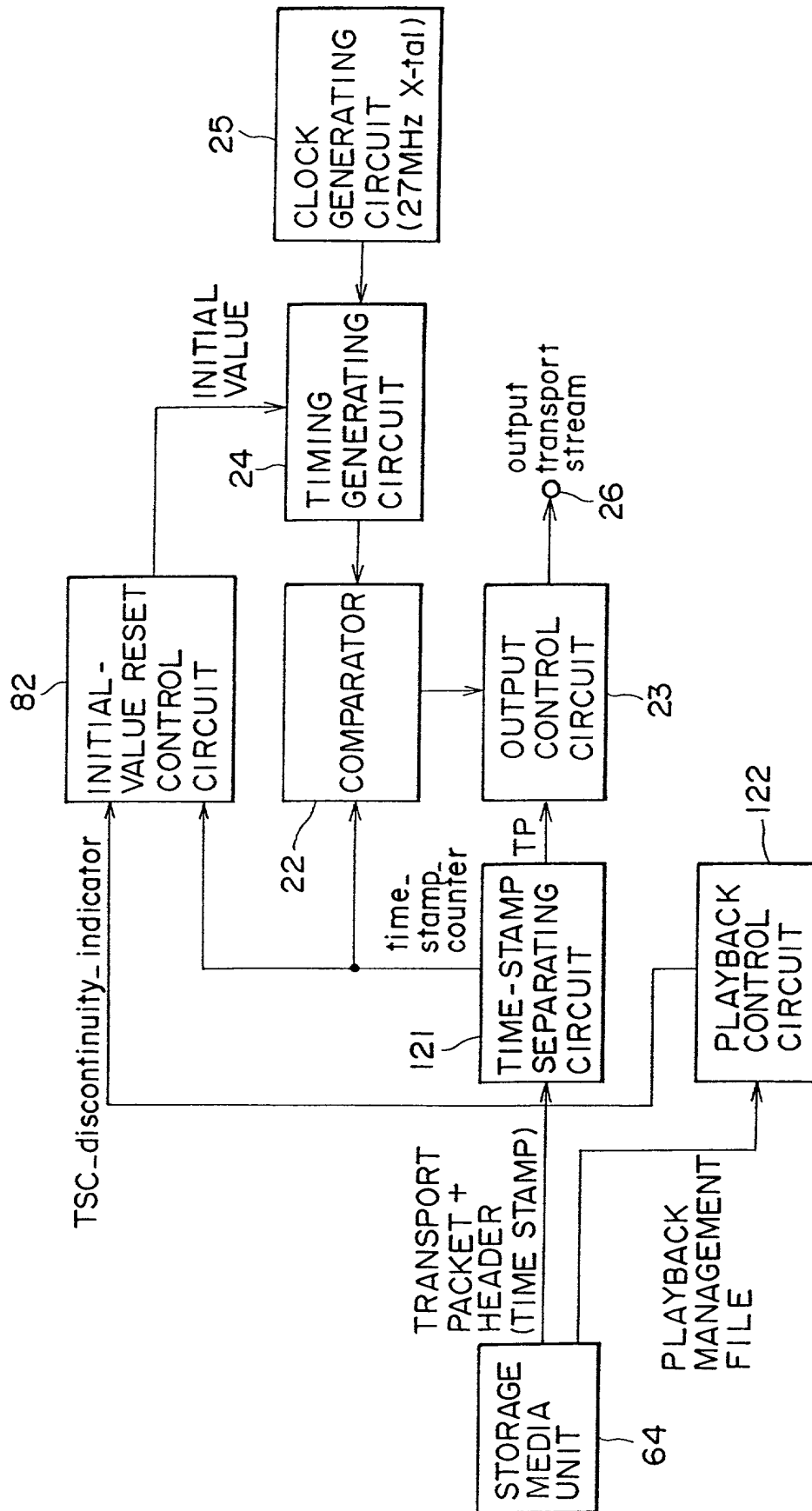


FIG. 20

